

# **RF POWER DELIVERY FOR PLASMA PROCESSING USING MODULATED POWER SIGNAL**

## **ABSTRACT OF THE DISCLOSURE**

5           A plasma processing apparatus and a method of operating a plasma processing  
apparatus are disclosed. In one embodiment, a first RF signal at a carrier frequency and a  
second RF signal at a second frequency are generated. An amplitude modulated signal is  
formed by modulating the first RF signal with the second RF signal. A plasma is generated  
within the plasma processing chamber using the amplitude modulated signal. Generating  
10 plasma using a frequency modulated signal is also disclosed.

SF 1157172 v1